

## Green Dot Lasermodule

LFD532-1-3(12x60)-001

Order Number: 70105612

Main Parameters (*)	min	typ	max	Unit
Wavelength		532		nm
Optical Output Power		1		mW
Operating Voltage	2.7	3	3.3	V DC
Operating Current	125	250	375	mA
Operating Temperature	15		30	°C
Storage Temperature	-40		80	°C

### Optical Parameters

Beam Shape	Dot
Laser Class	2
Divergence	0.5mrad
Beam Diameter	2.5mm
Size of Laserdot	<4mm@10m
Operating Distance	50m
Optics	glass lens AR coated
Beam Mode	TEM00
Laser technology	Solid State (YVO4+KTP)
Focus	fixed (10000mm)
Warm up time	<15min

### Technical Parameters

Lifetime	>5000h
RoHS	yes

### Electrical Parameters

Potential of Housing	isolated
Power Supply	LFNT-3

### Mechanical Parameters

Size	Ø12x60mm
Material	aluminium
Cable length	100mm
Wire type	26AWG, 0,14mm <sup>2</sup>
Output Aperture	3mm
Housing Color	black
Weight	13.5g
Stripping of wire	5mm

(\*) Over the complete operating temperature range



### Features

- Operating Voltage 3V DC
- Fixed focus
- Laser Class 2
- Compact size
- For medical devices

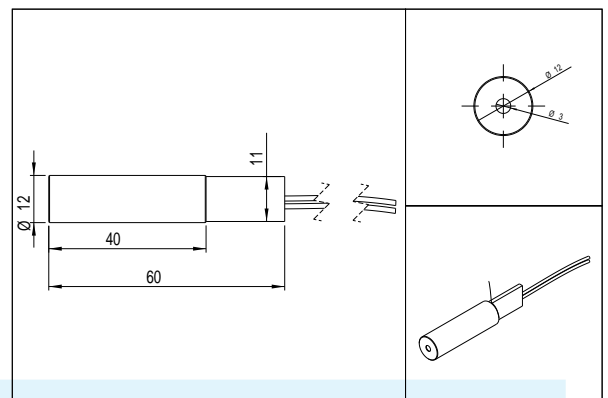
### Picture



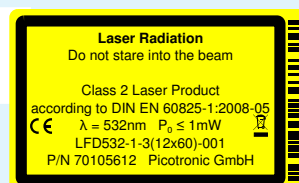
### Cable Colors

Ground		blue	GND
Positive		red	2.7 - 3.3, typ 3V DC

### Drawing



### Safety Label



### Revision

REV 14 | 16-JUL-2014